RIVIN, D.L.

Hearing disorders in influenza. Zdrav. Belor. 6 no.6:45-46 Je '60. (MTRA 13:8)

1. Iz Otolaringologicheskogo otdeleniya (zav. Sh.I. Karasik) Gomel'skoy oblastnoy bol'nitsy (glavnyy vrach B.I. Kagan). (INFLUENZA) (EAR-DISEASES)

L 25028-65 EWT(1)/FCC CW ACCESSION NR: AP5001953

5/0049/64/000/012/1849/1858

AUTHOR: Marchuk, G. I.; Kurbatkin, G. P.; Kalenkovich, Ye. Ye.; Panchuk, V. I.; Rivin, G. S.; Romanov, L. N.

TITLE: Solving the system of equations for short-term weather forecasts

SOURCE: AN SSSR. Izvestiya. Seriya geofizicheskaya, no. 12, 1964, 1849-1858

TOPIC TAGS: atmospheric process, wind velocity, adiabatic approximation, quasistatic condition, geopotential, Euler equation, isobaric surface, interpolation, quasigeostrophy, linear factorization, weather forecasting

ABSTRACT: This study deals with the solution of a complete system of equations for short-range weather forecasting in an adiabatic approximation, taking the quasi-static conditions of motion into account. Under consideration is a 10-level model of a baroclinic atmosphere based on the utilization of the main differences between all the geometrical variables. This problem is solved in two successive stages. In the first stage, the geopotential in the period of time under consideration is determined by the vector of the wind velocity and the geopotential; in the second stage the geopotential found in the first stage is used for determining the vector component of the wind velocity by means of Euler equations.

L 25028-65

ACCESSION NR: AP5001953

An essential feature of the newly developed algorithm is that the solution to the equation for the geopotential is found by a method consisting of a combination of linear factorization and relaxation. The construction of the mentioned baroclinic model of the atmosphere is based on the assumption that the atmospheric processes in it are both adiabatic and quasi-static. Orig. art. has: 16 formulas and 3 figures.

ASSOCIATION: Vychislitel'niy tsentr, Sibirskoye Otdeleniye, Akademiya Nauk SSSR (Computer center, Siberian branch, Academy of sciences, SSSR)

SUBMITTED: 04Ju164

ENCL: 00

SUB CODE: ES, DP

NO REF SOV: 006

OTHER: 003

Card 2/2

```
Air reconnaisance research for large pipelines. Stroi. trutoprov. (KIRA 14:9)

1. Giprospetsgaz, Leningrad. (Aerial photogrammetry) (Fipelines)
```

RIVIN, I.M.; AKEL'KIN, A.P., propodavatel'

School for locomotive engineers in Omsk. Elek.i tepl.tiaga 5
no.9:29 S '61. (MIRA 14:10)

1. Nachal'nik Omskoy tekhnicheskoy shkoly mashinistov lokomotivov (for Nivin).

(Omsk.-Locomotive engineers--Education and training)

LIBEAN, Grigoriy Markovich; CHERNYAVSKIY, Simon Nisonovich; RIVIN, 1.M., inzh., prepodavatel; GORCHAKOVA, O.D., red.

[Systems and operation of d.c. locomotives] Ustroistvo i rabota elektrovozov postojannogo toka. Moskva, Transport, 1964. 343 p. (MIRA 17:9)

1. Omskaya tekhnicheskaya shkola (for Rivin).

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001444

USSR/Communications
Telephones - Apparatus

"Installation of Telephone Service in Agricultural Soviets and Machine-Tractor Stations of Kursk Oblast," L. Rivin, 2 pp

"Vest Svyazi - Pochta" No 8 (101)

Quotes figures showing progress of this work. Discusses position in various regions.

TDB

7/49754

HIVIN, L.

Mbr., Mginskiy Rayon, Leningrad Oblast, -c1948-.

Mbr., Establishment of Intr-rayon Communications Sect., Gor'kiy Oblast Communications Admm. -1947-.

"Preeminence Won through Work, "Vest. Svyazi-Pochta, 8, No. 1, 1948;

"Concrete Management of Intra-Rayon Communications Facilities," ibid.,

No. 4, 1948;

"Installation of Telephone Service in Agricultural Soviets and Machine-Tractor Stations of Dursk Oblast," ibid., No. 8, 1948.

RIVIN, L.Ya.; KOMAROV, Yu.N., red.; ROMANOVA, S.F., tekhn. red.

[Improving the postal communication system] Sovershenstvovanie pochtovoi sviazi; sbornik statei. Moskva, Sviazi-izdat, 1962. 78 p. (MIRA 16:8)

(Postal service)

VULTAKH, S.G.; GOROKHOVSKIY, A.V.; RIVIN, L. Ya.

From the brigades to the enterprises of communist labor.

Vest. sviazi 21 no.5:25-28 My '61. (MIRA 14:6)

(Telecommunication—Employees)

RIVIN, M.			animumed Ta
	•	ark	
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	Explosion limits of gaseous mixtures. III Explosion. Ill Explosion. Ill Explosion. Minits of mixtures of carbon monoxide and of methane. M. Rivin and A. Sokolik. Acta Physicochim. C. R. S. S. 6, 105-14(1937). See C. A. 31, 24368. G. G.		
	a z resperious since su dicentina de la constanta de la consta		

RIVIN, L.E.

37612. opyt raboty sanitarno-epidemiologicheskikm stantsiy leningradskoy oblasti- sm. 37537.

SO: Letopis' Zhurnal' bykh Statey, Vol. 37, 1949

77537 Opr naboty sanitarno-epidemiologicheskikh stantsiy leningradskoy oblasti v 55: XII vsesoyuz s'yezd gigiyenistov, mpidemiologov, Mikrobiologov I infektsionistov 1.1.M., 1949, 5. 253-55

so; Letopis Zhurnal nykh Statey, Vol. 37, 1949

VULTAKH, S.G.; RIVIN, L.YA. The first village community which, with Lenin's encouragement, introduced electrification into its economy. Vest.sviazi 20 no.3: 28-30 Mr '60. (MIRA 13:6)

GOROKHOVSKIY, A.V., RIVIN, L.Ya.

Communication workders of Leningrad. Vest. sviazi 20 no.4:
3-7 Ap '60.

(MIRA 13:7)

(Leningrad--Postal services) (Leningrad--Telecommunication)

RIVIN, L.Ya.

The initiative of communications workers is a pledge of production achievements; from work experience of the Penza post office. Vest.sviazi 16 no.9:23-25 S '56. (MLRA 9:11) (Penza--Postal service)

RIVIN, L.Ya.; ZAKHAROVA, N.V.

The wime broadcasting workers of the capital. Vest. sviazi 22 no.7:

(MIRA 15:7)

18-21 Jl '62.

(Moscow-Wire broadcasting) (Moscow-Telecommunication-Employees)

VULTAKH, S.G.; RIVIN, L.Ya.

Instructive experience of Latvian communications men. Vest.sviazi 18 no.11:20-25 N '58. (MIRA 11:12)

1. Vyyezdnaya redaktsiya zhurnala "Vestnik svyazi." (Latvia--Telecommunication)

AMTHORS:

Vultakh, 3.G., Rivin, L.Ya.

sov/111-58-11-19/36

TITLE:

the Autometion and Mechanization of Means of Communication and Proadcasting (Avtometimatsiya i mekhanizatsiya sredstv

-rvyazi i veshchaniya)

FERIOLICAL:

Vestnik svyazi, 1958, Ur 11. pp 20-21 (USOR)

的现在分词,我们也不是一个人的,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人,我们也不是一个人的人,我们就是一个人的人,我们就是一个人的人,我们就

ABSTRACT:

The article contains a review of the achievements obtained in the field of automation and mechanization of communication and broadcasting facilities in Latvia. Engineers R. Naumov, A. Boyat, N. Nikheyev and A. Grave are mentioned for their work in the automation of long-distance telephone offices, which they performed in cooperation with TsNIIS. Employees of the Riga Central Telegraph Office M. Shamarin, V. Mikutel', Yu. Livelpinks and others worked on the development of telegraph communications. At the Latvian radio center, headed by A. Kholin, the old equipment was replaced by modern devices. Engineer R. Dargalis contributed a considerable amount of work to the reconstruction of the transmitters. For their achievements in the development of the Riga TV Center, engineers G. Luriye, Ya. Fayders. A. Bode and Ya Broka

Card 1/2

mere mentioned. Various mechanical aids were installed at

SOV/111-50-11-19/36

The Automation and Mechanization of Means of Communication and Broadcasting

the Riga Post Office for processing mail. The laboratories at the larger communication installations in Latvia played an important role in the introduction of modern equipment.

Card 2/2

ATTHORE:

Yultakh. ".G., Bivin, L.Ya.

3 W/111-58-11-18/*6

TITLE:

The Unification of Means of Electrical Communication and Tire Broadcasting (Ob"yedineniye sredstv elektricheskoy svyezi i

radiofikatsii)

PERIODICAL:

Vestnik svyazi, 1958, Mr 11, pp 20-21 (USSE)

APSTR/CT:

In 1947, the Latvian communication workers began to combine the maintenance service of radio station equipment with that of telephone and telegraph stations. The combined maintenance service required less personnel and less workshop space. However, it was necessary to introduce certain changes in operational procedure and equipment. For example, the personnel of radio relay stations could not perform maintenance operations while troadcasts were being received. For this purpose the radio program from Riga is now transmitted by wire to all local radio centers. Further, the authors mention the development of the TV relay station network in Latvia and show a TV relay entenne tower. There is I photo

Card 1/1

ANTHORS: Yultakh, J.S., Bivin, L.Ya.

sey/111-58-11-17/36

TITLE:

The Instructive Experience of Latvian Communication Torkers

(Pouchitel'nyy opyt svyazistov Latvii)

PERIODICAL:

Vestnik svyazi, 1958, Nr 11, pp 20-21 (USSE)

ABGTE GT:

This abort article serves as an introduction to eight articles dealing with the achievements of the Latvian communication workers who are regarded as some of the best of the USSE.

Card 1/1

AUTHOR:

Vultakh, S.G., Rivin, L.Ya.

sov/111-58-11-20/36

TITLE:

New Functions of the "LTU" (Novyye funktsii LTU)

PERIODICAL:

Vestnik svyazi, 1958, Nr 11, p 22 (USSR)

ABSTRACT:

The article deals with the reorganization of telephone and telegraph service and maintenance work in Latvia. A very simple organization was established consisting of eight so-called "LTU", each of which is servicing all communication facilities within up to nine rayons (administrative districts). Each "LTU" has about 20C to 270 employees. The majority of the linemen have bicycles and about 20% have motorcycles. In addition, each "LTU" has one to three tractors and one

truck for each line section.

There is 1 photo.

Card P/P

AUTHOES:

Vultakh, S.G., Aivin, L.Ya.

SOV/111-58-11-21/36

TITLE:

The Quality of Service for the Population Was Improved

(Povysilas' kul'tura obsluzhivaniya naseleniya)

PERIODICAL:

Vestnik svyazi, 1958, Nr 11, pp 22-23 (USSR)

AFETRACT:

The article contains a review of the activities of the Riga Fost Office which is one of the largest communication enterprises in Latvia. By using modern equipment and work methods and by careful organization of the work of the various branches,

a considerable improvement in postal service was achieved.

Card 1/1

AUTHORS:

Voltakh, S.G., Ri'vin, L.Ya.

SOV/111-58-11-22/36

TITLE:

Long-Distance Telephone Connections Are Established Without Delay (Mezhdugorodnyye telefonnyye razgovory predostavlya-

yutya bez promedleniy)

PERIODICAL:

Vestnik svyazi, 1958, Nr 11, p 23 (USSE)

APSTRACT:

The introduction of semiautomatic telephone offices on long-distance telephone lines in Latvia increased the utilization factor. The time required for establishing a long-distance connection was reduced considerably. In addition, the working conditions of the telephone operators were improved, where-

by their efficiency was increased.

There are 2 photos.

Card 1/1

AUTHORE:

Vultakh, S.G., Hivin, L.Ya.

sov/111-58-11-23/36

TITLE:

The Delivery of Mail and Newspapers to Villages Vas Speeded Up (Uskorena dostavka pechati i korrespondentsii na selo)

PERIODICAL:

Vestnik svyazi, 1950, Nr 11, p 24-25 (UGSE)

APSTPACT:

For speeding up the delivery of mail and newspapers to Latvian villages, extensive use of motor vehicles is made. Mail is transported by delivery trucks, by ordinary line buses and by combined mail and passenger buses. In the line buses, the driver is held responsible for the delivery of the mail, while the combined buses have special compartments for transporting mail. Newspapers as well as mail are delivered by trucks not only to the post offices for further distribution, but also within the areas of the post offices. This delivery system permits a reduction of the number of mail men, since one truck can cover a larger area.

There are 2 photos.

Card 1/1

AUTHORS: Vultakh, S.G., Rivin, L. Va. 30V/111-58-11-25/36

TITLE: The Achievements of the Foremost Communication Torkers Must

Be Fublished for All Employees (Dostizheniya peredovikov -

vsem kollektivam svyazistov)

PERIODICAL: Vestnik svyazi, 1958, Nr 11, p 24-25 (USSE)

ABSTRACT: Latvian communication workers are engaged in socialist competition with communication workers of Armenia, Estonia and

Moldavia. The foremost employees exchange their experiences regularly. For example, a group of communication workers headed by the Latvian Minister of Communications, A. Aleksandrov, went to Armenia while another group headed by the Lat-

vian Deputy Minister of Communications, P. Kreysman, went

to Estonia.

Card 1/1

CIA-RDP86-00513R001444

AUTHOR:

Vultakh, J.G., Rivin, L. Va.

307/111-58-11-24/36

TITLE:

Success Is Based on Effective Management (Osnova uspekha -

v konkretnom rukovodstve)

PERICI ICAL:

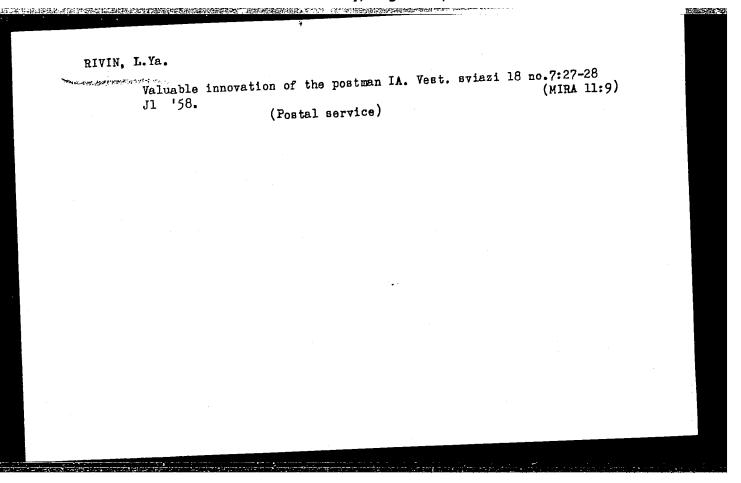
Vestnik svyazi, 1958, Nr 11, p 25 (USSE)

ABSTRICT:

The Latvien Minister of Communications A. Aleksandrov, his deputy P. Kreysman, Chiefs of Administration N. Mikhayev, K. Marnitis, A. Yanson, Engineers V. Kasminskiy, R. Mipens, K. Gedrovich, A. Bivgalis, E. Dzintar and other employees of the Latvian Ministry Of Communications made all possible effort to achieve a proper organization of the Latvian

communication system.

Card 1/1



"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001444

AUTHOR:

Rivin, L.Ya.

111-58-7-18/27

للسلوات وللمعاوي أرا

TITLE:

Postman Ya.I. Baranitsa's Valuable Work Method (Tsennyy pochin

pochtal'yona Ya.I. Bararitsy)

PERIODICAL:

Vestnik svyazi, 1958, Nr 7, pp 27-28 (USSR)

ABSTRACT:

The author describes the working methods and time-saving devices by which the postman, Ya.I. Baranitsa has succeeded in reducing the time spent on his official round, thus enabling him to take in an extra 5 houses, comprising a total of 119 appartments. His innovations include such devices as persuading the inhabitants of the flats to out slits in their doors to enable him to post the correspondence without summoning

someone to the door to receive it in person.

There is 1 photo.

1. Communications Development

Card 1/1

BULTAKH, Semen Georgiyevich; RIVIN, Lev Yakovlevich.

[Leading froup of communication workers; work practices of communication enterprises in Nikolayev Province] Peredovoi kollektiv sviazistov; iz opyta raboty predpriiatii sviazi Nikolaevskoy oblasti. Moskva, [Svyaz!-izdat] 1956. 103 p.

(Gommunication and traffic)

ZEL'DOVICH, Ynkov Borisovich; RIVIN, Mikhail Abramovich[deceased];
FRANK-KAMENETSKIY, David Al'bertovich; LEYPUNSKIY, O.I., doktor
fiz.-mat. nauk, prof., red.; BOGOMOLOVA, M.F., red.izd-va;
SKOTNIKOVA, N.N., tekhn. red.

[Jet-power impulse of powder rockets] Impul's reaktivnoi sily porokhovykh raket. Moskva, Oborongiz, 1963. 189 p. (MIRA 16:3)

(Solid propellant rockets) (Jet propulsion)

Rivin, M.A.

Impul's reaktivnoy sily porokhovykh raket (by) Zel'dovich, Ya. B., Rivin, M.A. (1) Frank-Kamenetskiy, D.A. Moskva, Oborongiz, 1963.

189 p. graphs, tables.

Includes bibliographical references.

sov/76-33-1-14/45

5(4) AUTHORS: Kosov, N. D., Rivin, O. V. (Alma-Ata)

TITLE:

Determination of the Heat Amount by the Method of Heat-Current Measurement (Opredeleniye kolichestv tepla metodom izmereniya

teplovogo potoka)

PERIODICAL:

Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 1, pp 83-90 (USSR)

ABSTRACT:

A new method for the determination of various formations of heat (dilution-, neutralisation heat, etc.) is described and reference is made to some methodical observations (investigated by means of experiments) on the expediency of the method. For by means of experiments) on the expediency of the method. For the theoretical explanation of this method it is assumed that the heat is formed in an infinite, heat-insulated cylinder. The heat expands radially and the amount of heat is determined acheat expands radially and the amount of heat is determined according to Fourier's law (Fur'ye). The sketch of the experimental vessel (Fig 1) shows a calorimeter with a thin-walled test tube (diameter 15.5 mm and height 150 mm) which is surrounded by a paraffin layer (17 mm) and serves as a source of heat. The temperature on the outside of the test tube remains unchanged due to an ultrathermostat TS-15, the temperature difference is measured by means of resistance thermometers (via

Card 1/3

SOV/76-33-1-14/45

Determination of the Heat Amount by the Method of Heat-Current Measurement

a mirror galvanameter M-25). Small heating elements immersed in distilled water in the test tube were used as standard sources of heat. The heat emitted was determined according to the Joule-Lenz law (Dzhoul-Lents). 2 accumulators of the type 64-AKN-2,25 fed the measurement bridge of the thermometer. Some measurement results of investigations (Tables 2,3) are given in which the student V. Zmeykov of the fizmat KazGU (Physico-Mathematical Faculty of the Kazakh State University) participated (ethanol + water, H2SO4 + H2O, NaOH + H2SO4) KOH + H_2SO_4). The results show that errors in the experiments are of the order of magnitude 1-3% (above 20 cal) and 10-20% (below 10 cal). The method described makes it possible to determine the thermal heat capacity obtained after reactions of substances. This, however, will be mentioned in another report. The authors thank Professor L. A. Vulis and Professor M. I. Usanovich. There are 2 figures, 4 tables, and 8 Soviet references.

Card 2/3

ASSOCIATION: Kazakhskiy gosudarstvennyy universitet im. S. M. Kirova

(Kazakh State University imeni S. M. Kirov)

RIVIN, O. V.. Cand Tech Sci -- (diss) "Development and investigation of methods of calorimetric determinations on the basis of measurements of a thermal stream." Alma-Ata, 1960. 9 pp with diagrams; (Academy of Sciences Kazak SSR, Inst of Energetics); 250 copies; price not given; (KL, 25-60, 134)

RIVIN, O. V., and KOSOV, N. D.

Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

KOSOV, N. D.; RIVIN, O. V.

Calorimeter of a new type for determining thermal constants. Teplo- i massoper. 1:152-159 '62. (MIRA 16:1)

1. Kazakhskiy gosudarstvennyy universitet im. S. M. Kirova.

(Calorimetry)

KHODOROVSKIY, L., inzh.; RIVIN, R.

Labor problems at factory economic conferences. Sots.trud no.10:110-118 0 '57. (MIRA 10:11)

1. Otdel truda i zarabotnoy platy Moskovskogo avtozavoda im. Likhacheva (for Khodorovskiy). 2. Zamestitel' nachal'nika otdela organizatsii truda i zarabotnoy platy zavoda "Krasnyy bogatyr'." (for Rivin).

(Efficiency, Industrial)

RIVIN, R.

New wage rates in a chemical plant. Sots. trud no. 7:98-103 J1 '58. (MIRA 11:8)

1. Nachal'nik otdela truda i zarabotnoy platy zavoda "Krasnyy bogatyr."

(Moscow--Chemical industries--Production standards)

Conference on economics at the "Krasnyi Bogatyr'" factory. Kauch, i rez. 16 no.8:34-36 Ag '57. (MIRA 10:11)

(Rubber industry--Congresses)

RIVIN, Ye.I., student.

Some problems in guide design. Issl. v obl. metallorezh.stan.
no.3:101-113 '55. (Mira 10:2)

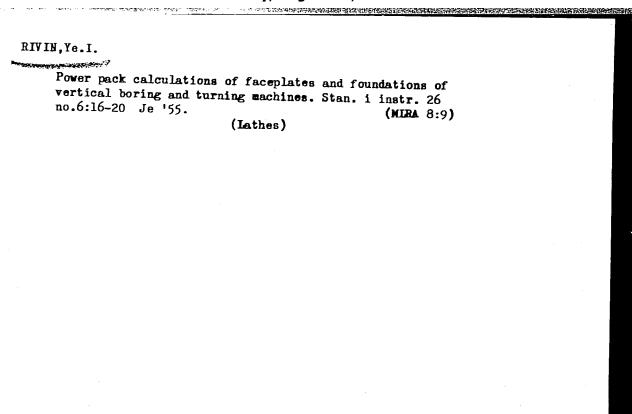
(Machine tools--Design)

CARTHERADA, S.V., HIVIN, Ye.I.

LASTING VIDEATIONS OF PRESISTEN Machine books. Sten. 1 answer.

35 no.11 co.13 No.164.

(MIRA 18.3)



RIVIN, Ye.I., kanal. tekhn. mauk

Characteristics of the horizontal rigidity of vibration dampers with flexible rubber elements. Vest. mashinostr. 45 no.5:20-22 My 165. (MIRA 18:6)

RIVIN, Ye.I.

Calculating overloads in machine-tools drives exerted in starting and braking. Stan. i instr. 31 no.9:13-17 S '60. (MIRA 13:9) (Machine tools—Electric driving)

RIVIN, Ye.I. (Moskva)

Self-excitation of oscillations in a mechanical system with an asynchronous motor in case of excessive speed. Izv.AN SSSR.Otd. tekh.nauk.Energ.i avtom. no.3:157-158 My-Je '60. (MIRA 13:7)

(Electric driving)
(Electric motors, Induction--Vibration)

RIVIN, Ye.I., kand.tekhn.nauk; AUGUSTAYTIS, V.V., inzh.

Elastic modulus for V-belts. Vest.mashinostr. 43 ne.9:21-24 S
163. (MIRA 16:10)

RIVIN, Ye.I.

Investigating the dynamics of milling-machine drives. Stan.i instr. 34 no.5:16-21 My '63. (MIRA 16:5) (Milling machines) (Machinery, Kinematics of)

L 07351-67 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1)

ACC NR: AP6012165

SOURCE CODE: UR/0413/66/COO/007/0089/0089

AUTHOR: Rivin, Ye. I.

0

ORG: none

TITLE: Vibration isolating base for emplacing machines. Class 47, No. 180436

/announced by Experimental Scientific Research Institute of Metal Cutting Machines
(Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov)

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 7, 1966, 89

TOPIC TAGS: vibration damping, metal working machinery, machine vibration

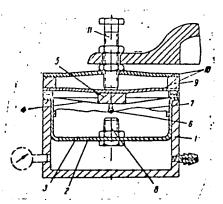
ABSTRACT: This Author Certificate presents a vibration isolating base for emplacing machines. The base contains a cylindrical casing the interior of which is filled with a working medium, and a baffle with an opening. The baffle divides the interior into two parts. To provide for both rigid and elastic emplacement of a machine and to increase the absorbing properties of the base, a membrane is attached to the upper part of the casing. This membrane has a support at its center and a link rigidly attached to its internal surface (see Fig. 1). A small cable passing through the link is fixed at the polarly opposite sides of the baffle, and Card 1/2

AND A THE OWN THE PRESENCE OF THE PROPERTY OF

L 07351-67

ACC NR: AP6012165

Fig. 1. 1 - casing; 2 - baffle; 3 - opening; 4 - membrane; 5 support; 6 - link; 7 - cable; 8 - stop; 9 - ring; 10 - disk; 11 - main bolt



a stop is placed at the center of the baffle. To adjust the height of both the elastic and the rigid base, the assembly is provided with an additional arrangement in the form of a ring rigidly attached to elastic disks which connect it to the end faces. The height may be regulated with the help of the main bolt. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 05Nov62

Card 2/2 mfa

RIVIN, Ye.I.; KOTLY ARENKO, L.B.

Preparing a design chart for dynamic calculations of gear-boxes. Stan. i instr. 34 no.10:13-18 0 '63. (MIRA 16:11)

\$/024/60/000/03/019/028 E194/E455

AUTHOR:

Rivin, Ye.I. (Mescow)

TITLE:

Self-Excited Oscillations During the Acceleration of a

Mechanical System by an Induction Motor

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Energetika i avtomatika, 1960, Nr 3, pp 157-158 (USSR)

ABSTRACT:

For the purposes of analysis a system driven by a squirrel-cage induction motor may be represented by the diagram shown in Fig 1, which includes the concentrated masses of the rotor and the load with an elastic link between them. If the motor is operating on the stable part of the characteristic denoted by A in Fig 2, oscillations in the system tend to be damped for reasons that are explained. When operating on the unstable part of the characteristic, corresponding to B in Fig 2, during acceleration there is a "negative damping" effect, so that oscillations tend to increase. The curves in Fig 2 relate to a motor type A063-4 of 14 kW at 1500 rpm. The characteristic curves shown solid are calculated and those in dotted lines were determined experimentally. The equations of motion of the system of Fig 1 may be

Card 1/3

S/024/60/000/03/019/028 E194/E455

Self-Excited Oscillations During the Acceleration of a Mechanical System by an Induction Motor

written in the form of Eq (1) or (2). Eq (3) is then derived for oscillations that may be set up in the system. Tests were made to check the formulae using a milling machine type 6N13PB driven by a motor type A063-4 with reduction gear box. By altering the gear ratio between the rotor and the shaft it was possible to alter the ratio of the moments of inertia. An oscillogram of the torque in the elastic link is reproduced in Fig 3. It will be seen that the initial kick is rapidly damped out because the motor is working on the stable part of the characteristic. As the speed increases, however, the unstable part of the characteristic is reached and severe oscillations are set up that finally die out. The variations in torque cause the angular velocity of the rotor to become uneven; in the case considered, speed variations were up to 20% of the mean speed. The overloads that may result from this effect can be very dangerous in mechanisms having little damping, as the maximum torque may be several

Card 2/3

S/024/60/000/03/019/028 E194/E455

Self-Excited Oscillations During the Acceleration of a Mechanical System by an Induction Motor

times the rated torque. There are 3 figures and 2 references, 1 of which is Soviet and 1 English.

SUBMITTED: February 20, 1960

Card 3/3

SERGEYEVA, V.F.; RIVINA, Ye.A.

Effect of C5H5NCH3I, C5H5NC2H5I, and C5H5NC2H5Br on the solubility of benzoic acid in water. Zhur.ob.khim. 33 no.10:3122-3123 0 '63. (MIRA 16:11)

1. Kazakhskiy gosudarstvennyy universitet imeni S.M.Kirova.

RIVINA, Ye.Yu., assistant; BEL'SKAYA, I.L.; MOROZOVA, Ye.A.

Some characteristics of the clinical aspects in tumors of the spine.
Trudy 1-go MMI 38:465-471 '65. (MIRA 18:10)

RIVINA, Ye.Yu.

Electromypgraphic observations in parkinsonism and other diseases of the extrapyramidal system and their changes following surgery on the globus pallidus. Trudy 1-go MMI 24:249- 265 '63 (MIRA 17:3)

GIL'MAN, I.M.; IRGER, I.M.; RIVINA, Ye.Yu.; YASINOVSKAYA, F.P.

Connections and functions of the human globus pallidus and the clinical manifestation of its destruction in diseases of the oxtrapyramidal system. Trudy 1-go MMI 24:215-248 '63 (MIRA 17:3)

RIVINA, Ye.Yu.

Surgical treatment of disorders of the extrapyramidal system. Zhur. nevr. i psikh. 62 no.2:236-238 '62. (MIRA 15:6)

1. Neyrokhirurgicheskoye otdeleniye (nauchnyy rukovoditel' doktor med.nauk I.M. Irger) Moskovskoy klinicheskoy bol'nitsy
imeni S.P. Botkina (glavnyy vrach - prof A.N. Shabanov).

(PARALYSIS AGITANS) (BRAIN-SURCERY)

GIL MAN, I.M.; IMGER, I.M.; RIVINA, Ye.Yu.; YASINOVSKAYA, F.P.

Electrophysiological data on the relationship between the globus pallidus and other parts of the central nervous system in man. Report No.1: Relationship between the blobus pallidus and the cerebral cortex. Biul. eksp. biol. i med. 52 no.12:3-7 D '61. (MIRA 14:12)

1. Tz neyrokhirurgicheskogo otdeleniya klinicheskoy ordena Lenina bol'nitsy imeni S.P.Botkina (nauchnyy rukovoditel' - doktor med.nauk I.M.Irger). Predstavlena deystvitel'nym chlenom AMN SSSR P.K.Anokhinym. (BRAIN) (ELECTROPHYSIOLOGY)

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RIVIN, Yevgeniy Izrailovich; VASIL'YEVA, F.A., vedushchiy red.

[Use of vibration-isolation supports for foundationless mounting of equipment; a survey of foreign techniques]
Primenenie vibroizoliruiushchikh opor dlia besfundamentnoi ustanovki oborudovaniia; obzor zarubezhnoi tekhniki. Moskva, GOSINTI, 1962. 53 p. (Tema 15) (MIRA 17:4)

KIVITI, JE M.

USSR/ Engineering - Machine-tools

Card 1/1

Pub. 103 - 5/22

Authors

Rivin, Ye. M.

Title

Calculation of the rigidity of face plate assembly as a basis of vertical lathes

Periodical: Stan. i instr. 6, 16-21, June 1955

Abstract

: The article deals in calculation of the rigidity of face plate assemblies for the purpose of determining the optimum position of plate guides, and the distribution of loads on vertical lathes. Two USSR references (1934-1948) Graphs; diagrams; drawings.

Institution ::

Submitted

RIVIN, I.I., inzhener.

Remarks on I.F. Volod'ko's article "Dependence of the lowering of the water level in a well upon the diameter and length of a filter pump." Gidr.i mel

5 no.5:74-77 Ap 153.

(Volod'ko, I.F.) (Wells)

(MIRA 6:5)

BARSUKOV, O.M.; RIVIN, Yu.R.

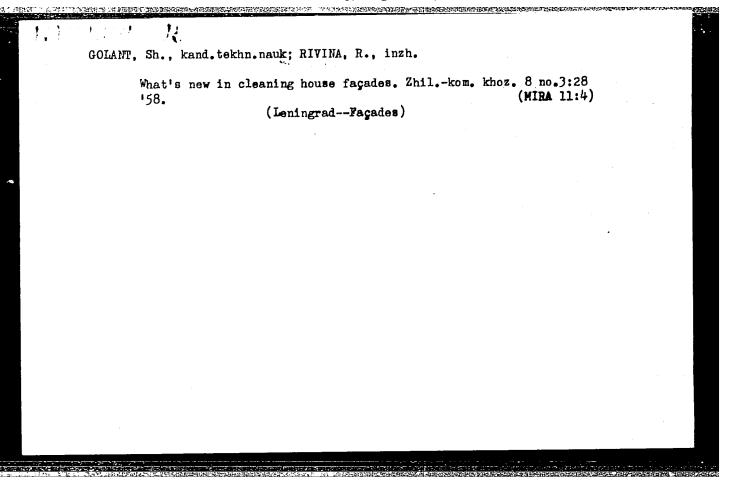
Calibration of apparatus for recording short-period variations of earth currents. Izv. AN SSSR. Fiz. zem. no.1:131-134 '65. (MIRA 18:5)

1. Institut fiziki Zemli AN SSSR.

SHEMYAKOV. V., kand.tekhn.nauk; GOLANT, Sh., kand.tekhn.nauk; RIVINA, R., inzh. (Leningrad)

Uaing synthetic water paints in painting facades of buildings.
Zhil.-kom.khoz. 9 no.6:18 '59. (MIRA 12:10)

(Leningrad-House painting)



GOLANT, Sh., kandidat tekhnicheskikh nauk; RIVINA, R., inzhener.

Coating sheet iron roofing. Zhil.-kom. khoz. 5 no.8:12-13 '55.

(Roofing, Iron and steel)

(MIRA 8:6)

GOLANT, Sh., kandidat tekhnicheskikh nauk; RIVINA, R., inzhener.

Painting interior room surfaces with synthol psints. Zhil.-kom. khoz. 5 no.7:13-14 '55. (MIRA 9:1)

(Paint)

GOLANT, SH., RIVINA, R.

Roofing, iron and steel

Painting steel roofs. Zhil.-kom.khoz. 2, No. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress, September 1952, Uncl.

GOLANT, Sh.N., kand.tekhn.nauk; SHEMYAKOV, V.P., kand.tekhn.nauk; SHOROKHOV, N.V., inzh.; RIVINA, R.I., inzh.; SHISTER, G.M., red.; CHURINOV, A.I., red.izd-va; NAZAROVA, A.S., tekhn.red.

[Provisional technical instruction for making and using polystyrene, polyvinylacetate, and mastic-lime compositions for finishing building façades] Vremennye tekhnicheskie ukazaniia na izgotovlenie i primenenie polistirol'nykh, polivinilatsetatnykh i izvestkovo-mastichnykh sostavov dlia otdelki fasadov zhilykh zdanii. Moskva, Izd-vo M-vakommun.khoz.RSFSR, 1960. 49 p. (MIRA 14:1)

1. Akademiya kommunal'nogo khozyaystva. Leningradskiy nauchnoissledovatel'skiy institut. (Façades) (Paint)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449

GOLANT, Sh.N., kandidat tekhnicheskikh nauk; RIVINA, R.I., inzhener; ZOLOTNITSKIY, N.D., redaktor; POLIKARPOV, M.P., Tedaktor; KONYA-SHINA, A., tekhnicheskiy redaktor

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[Painting steel roofing] Okraska stal'nykh krovel'. Moskva, Izdvo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 50 p. (Roofing--Painting) (MLRA 8:6)

GOLANDT, Sh.N., kandidat tekhnicheskikh nauk; RIVINA, R.I., inzhener.

Substitute for oil paints used in interior finishing of apartment houses. Biul.stroi.tekh.l3 no.3:21-22 Mr '56. (MLRA 9:7)

(Paint)

SHABANOV, A.N., prof.; GIL'MAN, I.M.; RIVINA, Ye.Yu.

Electroencephalographic changes in endarteritis obliterans [with summary in English]. Khirurgiia 33 no.9:67-73 S '57. (MIRA 11:4)

1. Iz Moskovskoy gorodskoy klinicheskoy ordena Lenina bol'nitsy imeni S.P.Botkina.

(THROMBOANGIITIS OBLITERANS, physiol.

EEG)

(ELECTROENCEPHALOGRAPHY, in various dis. thromboangiitis obliterans)

RIVIS, A. A., Cand TEEN Sci -- (diss) "On the possibilities of growing corn, and on certain peculiarities of its agretechny in the Estonian SSR."

Tallin, 1957. 26 pp (Min of Agriculture Estonian SSR. Estonian Sci Res

Inst of Agriculture and Amelioration), 150 copies (KL, 17-58, 110)

-65-

GRISHKOV, A.I.; RIVKIN, A.A.

Forces acting on the bed of a rolling machine. Izv.vys.ucheb. zav.; chern.met. 5 no.4:191-199 62. (MIRA 15:5)

NOVIKOV, V.; MATVEYEV, Yu,M.: HOTHIMSKIY, M.B.; BATIST, A.I.; ICSSEL', G.; KOROLEV, M.; IVALISCV, V.; ARONOV, I.; SVETLAKOV, V.; ZAYONCHIK, L.Z.; RASPOPOV, I.V.; SERDYUKOV, G.V.; GRISHKOV, A.I.; MAKEYEV, I.F.; DELLO, A.A.; SHUMMAYA, V.A., inzh.; SPIRYAGIN, L.P., inzh.; GRISHKOV, A.I.; KARDONOV, B.A.; BURDIN, V.M., kand. tekhn. nauk; MOLGACHEV, D.A., inzh.; MUZALEVSKIY, C.G.; RIVKIN, A.A.; KEYS, N.V.; KOMISSAROV, A.I.

New developments in research, Stal' 25 no.8:842-845 S '65. (MIRA 18:9)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

MUTALFYCKIT, O.G., kand.tekhn.nauk; hlvklb, a.A., inzh.

Developing technological parameters for the automation of

Developing technological parameters for the automation of three-high rail and structural steel rolling mills. Stall 23 no. 3:238-245 Mr '64. (MIRA 17:5)

VASIL'YEV, Dmitriy Georgiyevich, red.; GRIGOR'YEV, S.T., red.; RIVKIN, A.D., red.

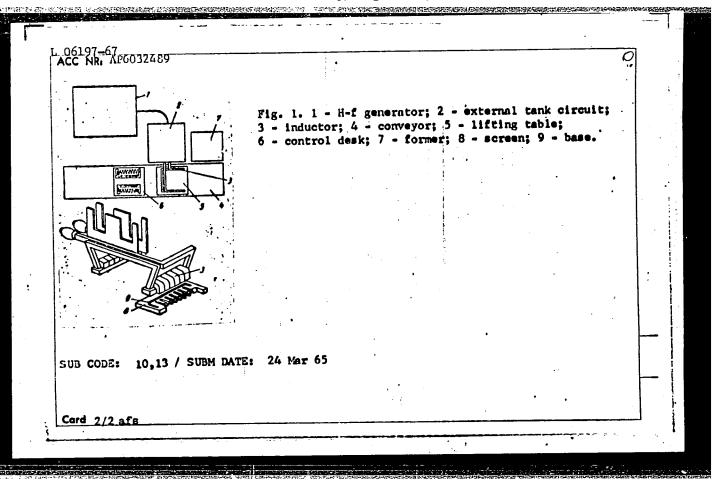
[Accounting in agricultural enterprises; a course of lectures]
Bukhgalterskii uchet v sel'skokhoziaistvennykh predpriiatiiakh;
kurs lektsii. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 454 p.

(MIRA 14:7)

(Agriculture—Accounting)

06197 <u>-67</u> FSS-2/EWT(1)/EWP(v)/EWP(CC NR: AP6032489		
NVENTOR: Alekseyev, F. A.; Balasho egorov, B. A.; Kobyl'nitskaya, M. I 'arshin, N. A.; Rashevskiy, A. L.; R	v, V. A.; Gershonok, M. I.; Grs.; Kozlov, D. A.; Lifshits, A. ivkin, A. E.; Tal'gren, A. A.;	Chev, I. M.; I.; Mondrus, D. B.; Khansuvarov, A. A.
DRG: none	5	
TITLE: Device for high frequency so	oldering of lead-acid storage be	class 21,
SOURCE: Izobreteniya, promyshlennyy	ye obraztsy, tovarnyye znaki, n	5. 17, 1966, 30 多
TOPIC TAGS: metal soldering, store	age battery	
ABSTRACT: An Author Certificate has soldering of lead-acid storage battern external tank circuit, a multiloconveyor with a lifting table, a corequipped with a magnetic screen fast figure.	s been issued for a device for eries. The device contains a h op inductor with open ferrite mo	ngnetic circuits, a
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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444



RIVKIN, A.B.

Stopping device for the drive motor of a machine; suggestion by A.B.Rivkin. Prom.energ.11 no.6:30-31 Je '56. (MIRA 9:9)

(Electric motors)

RIVKIN A.I.; TOKARKV, Ya.I.; KHITRUK, M.S.; PROKOPOVICH, A.Ya., redaktor; SHEMSHURINA, Ye.A., redaktor izdatel stva; TIKHANOV, A.Ya., tekhnicheskiy redaktor

[Modernization of cylindrical grinding machines; manual of instructions] Modernizatsiia krugloshlifoval'nykh stankov; rukovodiashchie materialy. Pod red. A.E.Prokopovicha. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1957. 102 p. (MIRA 10:8)

1. Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov (Grinding machines)

MERPERT, M.P., st. nauchnyy sotr.; RIVKIN, A.I.,; ZUZANOV, G.I., red.; KRYNOCHKINA, K.V., tekhn. red.

[Survey of technological developments in the manufacture of machine tools abroad; grinding machines] Obzor tekhni-cheskogo razvitiia sarubezhnogo stankostroeniia; shkofoval'nye stanki. Moskva, 1959. 116 p. (MIRA 16:4)

1. Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov. 2. Konstruktor Eksperimental'nogo nauchno-issledovatel'skogo instituta metallorezhushchikh stankov (for Zuzanov).

(Grinding machines -- Technological innovations)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

(MIRA 13:7)

REYBAKH, Yu.S.; RIVKIN, A.I. Balancing a grinding wheel with balls during the run-out of spindles. Stan.i instr. 31 no.7:13-16 J1 '60.

(Grinding wheels) (Balancing of machinery)

ACCESSION NR: APLIOLAS976

5/0121/64/000/008/0024/0027

AUTHOR: Rivkin, A. I.

TITLE: Electrochemical polishing of steel R18

SOURCE: Stanki i instrument, no. 8, 1964, 24-27

TOPIC TAGS: electrochemical polishing, corundum, silumin/ R18 steel, OTV 600 N centrifuge, ChK electrocorundum

ABSTRACT: The author studied the process of electrochemical polishing and gave recommendations for its improvement. In this work an aqueous solution of potassium nitrate (15%) with sodium nitrate (0.5%) was used as an electrolyte. It was found advisable to use electrolytically produced corundum of type ChK on a metallic strap. Good results were obtained by using a disk speed of 45 m/sec, a feed of 0.005 mm/pass, and a table speed of 3 m/min. The working voltage should be limited by the appearance of arcing which would be deleterious to the disk surface. While using electrolytically produced corundum disks on bronze straps, the input voltage may be 14-14.5 V and the surface current may be up to 120 amps/cm². The corresponding figures recommended for silumin straps were 19 V and 132 amps/cm². The

Card 1/2

ACCESSION NR: AP4043976

electrochemical polishing machines must have semiautomatic or fully automatic work cycling, good protection against sputtering of the electrolyte, and facilities for pumping out steam. For purifying the electrolyte from the products of the metal working, a centrifuge similar to the model OTV 600-N should be used. Orig. art. has: 2 figures.

ASSOCIATION: ENIMS

SUBMITTED: 00

ENCL: 00

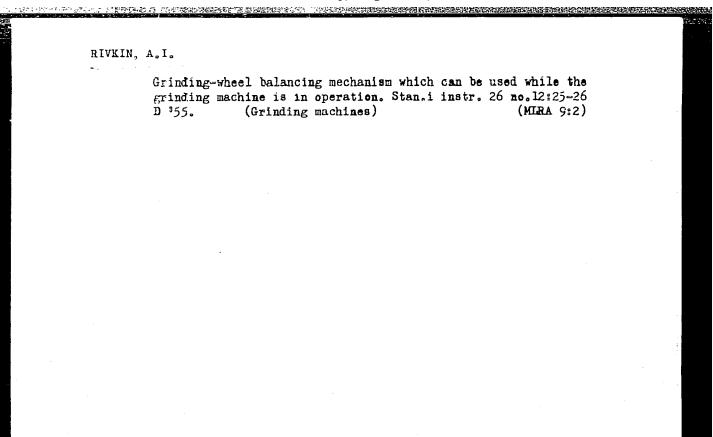
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Card 2/2

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444



RIVKIN, A.I. Coolant filter for metal cutting machines. Stan. i instr. 27 no.8:31-32 (MIRA 9:9)
Ap 156. (Cooling) (Filters and filtering)

AID P - 5355

: USSR/Engineering Subject

Pub. 103 - 10/25 Card 1/1

: Rivkin, A. I.

: Filter for coolants of metal cutting machines Author

Title

Periodical : Stan. i instr., 8, 31-32, Ag 1956 A description of a more efficient filter, designed by the Experimental Scientific Research Institute of Metal-Cutting Machine (ENIMS),

for coolants used in metal-cutting machines, particularly for grinding Abstract

aluminum parts, is given. Three drawings.

Institution : As above

Submitted : No date

\$/121/60/000/007/003/011

AUTHORS:

Reybakh, Yu.S., Rivkin, A.I.

TITLE:

Balancing Grinding Disks With the Aid of Balls During the Spindle

Run-Out

PERIODICAL:

Stanki i Instrument, 1960, No. 7, pp. 13-16

Tests were carried out at the ENIMS to investigate the balancing of TEXT: grinding disks by balls on the 3153 model grinding machine. The design of the spindle bearings of the machine was not altered to a great extent. The 3153 grinding machine was fitted with triple-bushing bearings, one of the bushings being spring-supported. The experiments carried out showed that in the case of the bearings possessing one spring-supported bushing (this design of grinding bearing is used e.g. with the grinding machines Nos. 3153, 3110, 310 and others), the grinding disk can be balanced without a special spindle suspension in the front bearings (the design of the bushings is in this case only subjected to insignificant alterations). Balancing is achieved during the spindle run-out at definite numbers of revolution, as it can be presumed on account of elasticity variations in the system spindle - lubrication film - bushing - grinding stock, owing to which such a ratio of critical speed to spindle speed is produced which

Card 1/2

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

Using the dipping method in grinding objects with composite profiles. Stan. i instr. 29 no.9:19-21 S '58. (MIRA 11:10) (Grinding and polishing)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

RIVKIN, A.I.; KHITRUK, M.S.; PROKOPOVICH, A.Ye., red.; BALANDIN, A.F., red.
1zd-va; TIKHANOV, A.Ya., tekhn. red.

[Modernization of surface grinders; a guide] Modernizatsiia plosko-shlifoval'nykh stankov; rukovodiashchie materialy. Pod red. A.K. Prokopovicha. Moska, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 62 p. (MIRA 11:8)

1. Moscow. Kksperimental nyy nauchno-issledovatel skiy institut metallorezhushchikh stankov.

(Grinding machines)

ALEKSEYEVA, S.M.; RIVKIN, A.I.; KHITRUK, M.S.; SHEMSHURINA, Ye.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Modernization of cylindrical centerless grinding machines] Modernizatsiia bestsentrovykh krugloshlifoval nykh stankov. Moskva.
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 71 p.

(MIRA 11:10)

1. Moscow. Eskperimental nyy nauchno-issledovatel skiy institut metallorezhushchikh stankov.

(Grinding machines)

25(5)

- PHASE I BOOK EXPLOITATION
- SOV/2871
- Alekseyeva, S. M., A. I. Rivkin, and M. S. Khitruk
- Modernizatsiya bestsentrovykh krugloshlifoval'nykh stankov (Modernization of Cylindrical Centerless Grinding Machines) Moscow, Mashgiz, 1957. 71 p. 6,700 copies printed.
- Sponsoring Agency: Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov.
- Ed. of Publishing House: Ye.A. Shemshurina; Tech. Ed.: V.D. El'_kind; Managing Ed. for Literature on Metal Working and Tool Making: R.D. Beyzel'man, Engineer.
- PURPOSE: This book is recommended for technical and engineering personnel in machine manufacturing plants and maintenance and repair shops.
- COVERAGE: The book reviews problems associated with the modernization of general purpose centerless cylindrical grinders in order

Card 1/3

Modernization (Cont.)

SOV/2871

to increase their productivity and precision. Special attention is given to the mechanization and automation of auxiliary operations. It also describes a representative plan of modernization for Model 3180 grinder developed at the Vitebsk Machine Tool Plant imeni Kirov and a consolidated list of recommendations on the mechanization of machine tools. No personalities are mentioned. There are 5 Soviet references.

。 1. 1945年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年,1955年

TABLE OF CONTENTS:

Introduction	:
 Ch. I. Technical Level of Centerless Cylindrical Grinding Machines and Trend Towards Modernization of Obsolete Equipment 1. Review of Soviet stock of centerless cylindrical grinding machines 2. Trend towards modernization of obsolete equipment 	14
Ch. II., Measures and Methods of Modernization	17
Card 2/3	

Moder	nization (Cont.)	sov/2871
2. 3.	reduction in time expenditure for manual opera	itions 17
Biblio	graphy	67
	Automation of General Purpose Centerless Cylin ing Machines (e.g. for inclusion in automatic	lines) 67
2.	Measures Incorporated in the Representative Mor Plan for Model 3180 Grinder, Which Was Develop Design Office of the Vitebsk Machine Tool Plan	
3.	Consolidated List of Recommendations on the Med of Machine Tools	chanization 70
AVAILA	BLE: Library of Congress (TJ 1280 .M578)	·
Card 3	•	JG/Jb 2-2-60

(MIRA 12:6)

TSOFIN, E.Ye.: RIVKIN, A.I.

Bin feeders for centerless grinding machines. Stan.i instr.

30 no.4:21-22 Ap 159. (Grinding machines--Attachments)

SOV/121-58-9-5/21

AUTHORS:

Gel'fel'd, O.M. and Rivkin, A.I.

TITLE:

Polishing of Components of Complex Shape by the Immersion

Method (Polircvaniye izdeliy slozhnoy formy metodom

pogruzheniya)

PERIODICAL: Stanki i Instrument, 1958, Nr 9, pp 19 - 21 (USSR)

ABSTRACT:

The immersion method operates with a free abrasive. rotating drum with a convex bottom and an undercut rim is filled with abrasive powder which, under the action of centrifugal forces, forms a compact ring below the rim. The component to be polished is clamped on the end of a bellsrank, which, in the working position, penetrates the abrasive powder. The component rotates slowly about a stationary axis to whieve a uniform polishing action, whilst the drum rotates rapidly. A screen prevents the escape of abrasive near the polished component. carried cut & ENIMS have shown that the output, measured by the loss of weight of the component, is greatest when a mixture of abrasive, sawdust and machine oil is used. A cawdust settling factor is defined as the relative volume contraction of the mixture. The factor drops with the progress of polishing from the initial value of 1 to a steady value of 0.35 after a typical period of 20 minutes.

Card1/2

SOV/121--58--9-5/21

Polishing of Components of Complex Shape by the Immersion Method

In practice, fresh sawdust should be added after 15 minutes. After 10 additions, a stable mixture is obtained. No other significant deterioration takes place. Smaller abresive grain reduces the output. The drum speed has the main effect on output. Grain size and drum speed have opposite effects on the surface finish. Distortion of the surface was tested with special, brick-shaped components. Non-uniformity could be improved by correct positioning of the specimen. The cost of polishing is claimed to have been reduced to one-half. The main drawback of the process is the high rate of heat formation. There are 9 figures.

Card 2/2